

ABSTRACT

A projection lens that, though designed for right projection, shows good aberration performance and can realize specifications required for a projection display apparatus, such as a low F number, a wide angle, a long back focus, and a high relative illumination, with a rational configuration is provided. A projection lens 1 of the present invention for magnifying and projecting an optical image formed on a spatial light modulator (disposed near an image plane 5) onto a screen 4 is constituted by a front lens group 2 and a rear lens group 3 that are arranged in this order from the screen 4 side toward the image plane 5 side. The rear lens group 3 is provided with an aperture stop 6 that is eccentric with respect to an optical axis 7 common to the front lens group 2 and the rear lens group 3. Focus adjustment is performed by moving the rear lens group 3 in a direction of the optical axis 7 without rotating it.